



Ag Digest

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Highlights

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The 'Keystone Ag Digest' may be found on the Internet at the following address:

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MILK PRODUCTION

Milk production in **Pennsylvania** during November 2002 totaled 863 million pounds, down 0.8 percent from last year's production. The number of milk cows in the state during the month averaged 591,000 head, unchanged from October, but 5,000 less than November 2001. Production per cow averaged 1,460 pounds in November, 35 pounds less than October and unchanged from November 2001.

Milk production in the **20 states surveyed** during November 2002 totaled 11.7 billion pounds, up 1.8 percent compared to production during November 2001. October revised production, at 12.0 billion pounds, was up 2.1 percent from October 2001. The number of milk cows on farms in November averaged 7.79 million head, 54,000 head more than a year earlier, and 1,000 head more than October 2002. Production per cow averaged 1,501 pounds for November, 16 pounds above November 2001.

DAIRY PRODUCTS

United States' butter production was 102 million pounds in October, 7.1 percent below October 2001 but 10.7 percent above September 2002. Total cheese output (excluding cottage cheese) was 714 million pounds, 4.7 percent above October 2001 and 6.3 percent above September 2002.

American type cheese production totaled 293 million pounds, 1.0 percent below October 2001 but 2.6 percent above September 2002. Frozen desserts: (comparisons with October 2001): ice cream, regular (hard) -- 70.2 million gallons, up 3.8 percent; ice cream, lowfat (total) -- 28.9 million gallons, down 6.2 percent; ice cream, nonfat (hard) -- 1.57 million gallons, up 5.6 percent; sherbet (hard) -- 4.28 million gallons, up 19.7 percent; frozen yogurt (total) -- 6.40 million gallons, up 8.6 percent.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Oct 2001	Sep 2002	Oct 2002
	000 Lbs.		
PENNSYLVANIA			
Butter	6,012	4,811	5,846
Ice Cream	3,330	4,106	3,897
UNITED STATES			
Butter	109,911	92,264	102,121
Cheese:			
American Types	295,991	285,724	293,141
Swiss	21,223	21,258	22,729
Brick and Muenster	7,739	7,555	8,814
Cream and Neufchatel	64,009	56,094	63,857
Mozzarella	214,476	222,422	233,302
Other Italian	51,287	51,664	62,539
Total Italian Types	265,763	274,086	295,841
All Other	17,937	17,214	18,840
Total	682,080	671,962	714,013
NF Dry Milk, Human	105,788	93,763	99,746
Yogurt, Plain & Flavored	157,818	190,577	175,691
	000 Gal.		
FROZEN PRODUCTS:			
Ice Cream, Hard	67,595	70,281	70,185
Ice Cream, Lowfat	30,776	31,353	28,879
Ice Cream, Nonfat	1,490	1,406	1,574
Sherbet	3,575	4,135	4,278
Frozen Yogurt, Total	5,887	6,715	6,395
MIX FOR PRODUCTS:			
Ice Cream Mix	39,070	42,183	40,833
Ice Cream Mix, Lowfat	16,209	17,426	16,005
Ice Cream Mix, Nonfat	942	929	905
Sherbet Mix	2,481	3,036	3,052
Yogurt Mix	3,328	3,950	3,762

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			20 States		
		Nov 2001	Oct 2002	Nov 2002	Nov 2001	Oct 2002	Nov 2002
Milk Cows	Thous.	596	591	591	7,739	7,792	7,793
Milk Per Cow	Lbs.	1,460	1,495	1,460	1,485	1,541	1,501
Milk Production	Mil. Lbs.	870	884	863	11,492	12,004	11,697

PENNSYLVANIA POTATO CROP

Total potato stocks stored in Pennsylvania on December 1, 2002 were 1,200,000 cwt. Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 90.8 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 9.2 percent.

Potato production for the Commonwealth in 2002, 2,590,000 cwt, was 18 percent lower than the 2001 crop. 14,000 acres of potato were harvested in Pennsylvania this fall and the average yield per acre was estimated at 185 cwt., down 21 percent from the 2001 yield.

In the **U.S.**, the 15 major potato States held 265 million cwt of potatoes in storage December 1, 2002, up 2 percent from last year but 15 percent below 2000. Storage accounts for 65 percent of the 2002 fall storage States' production, down 2 percentage points from last year. Stocks by type show more round white and fewer russet and long white (Shepody)

than a year ago. Disappearance of 146 million cwt, is up 13 percent from last year but 2 percent below 2000 movement. Shrink and loss of 16.2 million cwt so far in the season is up 10 percent from last year but 14 percent below the same date in 2000. Processors in the 9 major States used 77.6 million cwt of potatoes this season, up 18 percent from a year ago but 1 percent below two years ago. Dehydrating usage accounts for 15.7 million cwt of the total processing.

Production of fall potatoes for 2002 is forecast at 417 million cwt, up less than 1 percent from November and 6 percent above last year. However, this is 11 percent smaller than the record high 2000 crop. Area harvested, at 1.11 million acres, is up 4 percent from last year but 7 percent below two years ago. The average yield is forecast at 374 cwt per acre, 3 cwt above last month and 7 cwt above last year. Production estimates are generally lower this year in Central and Eastern States but higher in the West. Harvest was completed on schedule in nearly all States.

FALL POTATOES: PRODUCTION & STOCKS ON DECEMBER 1, 2001-2002 ¹

State	Crop of 2001			Crop of 2002		
	Production	Stocks Dec 1, 2001	% of Production	Production	Stocks Dec 1, 2002	% of Production
	1,000 Cwt.		Percent	1,000 Cwt.		Percent
California	1,424	1,200	84	4,450	1,500	34
Colorado	21,357	15,600	73	27,885	20,100	72
Idaho	120,200	87,500	73	133,385	92,000	69
Maine	16,430	12,200	74	16,960	12,600	74
Michigan	13,950	8,200	59	13,878	7,900	57
Minnesota	18,425	12,000	65	18,700	12,000	64
Montana	3,296	3,000	91	3,213	3,050	95
Nebraska	8,400	4,850	58	8,414	5,650	67
New York	5,942	2,400	40	5,500	2,500	45
North Dakota	26,400	19,500	74	23,460	16,000	68
Ohio	1,097	300	27	1,008	190	19
Oregon	20,730	17,500	84	24,936	18,000	72
Pennsylvania	3,173	1,800	57	2,590	1,200	46
Washington	94,400	53,000	56	95,200	53,000	56
Wisconsin	31,955	19,700	62	31,125	19,500	63
15 State Total	381,179	258,750	67	410,704	265,190	65

¹ Stocks include processor holdings and seed to plant following year's crop. Seed usage for all seasons in 2002 totaled 29.3 million cwt.

FALL POTATOES BY STATE, 2000-2002

State	Area Planted			Area Harvested			Yield			Production		
	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
	1,000 Acres						Cwt.			1,000 Cwt.		
California	8.7	3.2	8.9	8.7	3.2	8.9	430	445	500	3,741	1,424	4,450
Colorado	75.8	68.1	71.6	75.6	67.8	71.5	370	315	390	27,972	21,357	27,885
Idaho-10 SW Co ..	28.0	23.0	27.0	28.0	23.0	27.0	490	450	455	13,720	10,350	12,285
Other ID	387.0	327.0	348.0	385.0	325.0	346.0	360	338	350	138,600	109,850	121,100
Indiana	3.0	3.1	2.9	2.8	2.9	2.8	280	320	260	784	928	728
Maine	64.0	62.0	64.0	64.0	62.0	64.0	280	265	265	17,920	16,430	16,960
Massachusetts ...	2.8	2.9	3.0	2.5	2.8	2.9	255	265	255	638	742	740
Michigan	49.0	46.0	46.5	47.5	45.0	45.5	315	310	305	14,963	13,950	13,878
Minnesota	66.0	59.0	61.0	59.0	55.0	55.0	360	335	340	21,240	18,425	18,700
Montana	11.5	10.5	10.3	11.3	10.3	10.2	310	320	315	3,503	3,296	3,213
Nebraska	26.0	22.5	21.5	24.7	22.4	21.3	410	375	395	10,127	8,400	8,414
Nevada	7.0	6.5	7.6	7.0	6.5	7.6	450	360	340	3,150	2,340	2,584
New Mexico	6.8	4.2	4.0	6.8	4.2	4.0	400	340	400	2,720	1,428	1,600
New York	22.0	23.5	22.5	21.3	23.3	22.0	280	255	250	5,964	5,942	5,500
North Dakota	124.0	118.0	118.0	110.0	110.0	102.0	245	240	230	26,950	26,400	23,460
Ohio	4.4	4.4	4.3	4.2	4.3	4.2	270	255	240	1,134	1,097	1,008
Oregon-Malheur ..	10.5	9.0	8.0	10.5	9.0	8.0	425	410	400	4,463	3,690	3,200
Other Or	46.5	36.0	42.0	46.0	35.5	41.8	570	480	520	26,220	17,040	21,736
Pennsylvania	13.5	14.0	15.0	13.0	13.5	14.0	270	235	185	3,510	3,173	2,590
Rhode Island	0.5	0.5	0.5	0.5	0.5	0.5	275	280	160	138	140	80
South Dakota	3.5	2.8	1.1	2.8	2.7	1.1	290	240	300	812	648	330
Utah	1.5	1.3	0.8	1.5	1.3	0.8	290	265	305	435	345	244
Washington	175.0	160.0	170.0	175.0	160.0	170.0	600	590	560	105,000	94,400	95,200
Wisconsin	86.0	84.0	85.0	84.5	83.0	83.0	400	385	375	33,800	31,955	31,125
Total	1,223.0	1,091.5	1,143.5	1,192.2	1,073.2	1,114.1	392	367	374	467,504	393,750	417,010

FALL POTATOES: FARM MARKETINGS, SELECTED STATES, 2000-2001 MARKETING YEARS

State	Crop Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
<i>Percent</i>														
CA ..	2000				9	11	13	10	9	11	7	11	9	10
	2001					15	11	17	17	22	18			
CO ..	2000			5	8	10	10	11	8	11	11	12	9	5
	2001			5	10	11	12	12	9	11	10	11	7	2
ID ...	2000		5	9	10	9	6	7	6	9	9	13	8	9
	2001		3	12	13	8	6	7	9	10	10	10	6	6
ME ..	2000		2	8	8	7	9	9	12	12	15	10	5	3
	2001		1	9	10	9	9	12	11	11	12	8	5	3
MI ...	2000	3	7	8	12	12	12	11	12	11	7	4	1	
	2001	3	7	8	12	11	12	13	11	11	8	3	1	
MN ..	2000	2	8	8	7	6	5	6	7	10	11	12	18	
	2001		10	9	7	7	6	7	9	10	10	9	8	8
NY ..	2000		2	26	18	11	12	8	8	10	5			
	2001		4	20	18	17	15	9	7	6	4			
ND ..	2000		4	21	11	10	5	8	5	9	11	8	8	
	2001			18	10	12	7	8	7	7	14	11	6	
OR ..	2000	3	9	12	21	4	5	5	6	7	7	9	6	6
	2001		7	13	21	8	6	5	7	7	8	8	7	3
PA ..	2000		14	13	12	12	13	11	9	7	6	2	1	
	2001		17	16	15	12	12	10	8	7	2	1		
WA ..	2000		16	14	25	7	4	6	5	5	5	5	5	3
	2001		11	13	25	7	6	5	7	7	6	7	5	1
WI ..	2000	1	7	15	14	11	8	8	9	10	10	5	2	
	2001	1	6	13	14	12	10	9	8	10	11	5	1	

CROP SUMMARY - UNITED STATES, 2001-2002 ¹

Crop	Acreage (000)				Production				Unit
	Planted		Harvested		Yield		(000)		
	2001	2002	2001	2002	2001	2002	2001	2002	
GRAINS & HAY:									
Barley	4,967.0	5,073.0	4,289.0	4,135.0	58.2	54.9	249,420	226,873	Bu.
Corn for Grain ²	75,752.0	78,847.0	68,808.0	70,541.0	138.2	127.6	9,506,840	9,003,364	Bu.
Corn for Silage	-	-	6,148.0	-	16.6	-	102,352	-	Ton
Hay, All	-	-	63,511.0	64,709.0	2.47	2.32	156,703	150,447	Ton
Alfalfa	-	-	23,812.0	24,134.0	3.37	3.09	80,266	74,655	Ton
All Other	-	-	39,699.0	40,575.0	1.93	1.87	76,437	75,792	Ton
Oats	4,403.0	5,005.0	1,905.0	2,098.0	61.4	56.8	117,024	119,132	Bu.
Rye	1,328.0	1,395.0	255.0	286.0	27.3	24.4	6,971	6,985	Bu.
Sorghum for Grain ² .	10,252.0	9,290.0	8,584.0	7,528.0	59.9	50.7	514,524	381,499	Bu.
Sorghum for Silage . .	-	-	336.0	-	11.1	-	3,728	-	Ton
Wheat, All	59,597.0	60,358.0	48,633.0	45,817.0	40.2	35.3	1,957,043	1,616,441	Bu.
Winter	41,078.0	41,735.0	31,295.0	29,651.0	43.5	38.5	1,361,479	1,142,802	Bu.
Durum	2,910.0	2,909.0	2,789.0	2,703.0	30.0	29.4	83,556	79,450	Bu.
Other Spring	15,609.0	15,714.0	14,549.0	13,463.0	35.2	29.3	512,008	394,189	Bu.
OILSEEDS:									
Canola	1,494.0	1,513.0	1,455.0	1,378.0	1,374	1,151	1,998,515	1,585,925	Lb.
Flaxseed	585.0	844.0	578.0	821.0	19.8	-	11,455	-	Bu.
Mustard Seed	45.8	155.0	44.2	146.0	930	-	41,106	-	Lb.
Rapeseed	3.7	2.0	3.1	1.8	1,306	-	4,050	-	Lb.
Safflower	188.0	207.0	177.0	198.0	1,365	-	241,665	-	Lb.
Soybeans for Beans .	74,075.0	73,043.0	72,975.0	71,799.0	39.6	37.5	2,890,682	2,689,691	Bu.
Sunflower	2,633.0	2,486.0	2,555.0	2,320.0	1,338	1,118	3,418,759	2,592,753	Lb.

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2002 crop year.

² Area planted for all purposes.

GENERAL CROP COMMENTS, NOVEMBER 2002

Row crop harvest continued with only brief rain delays in the Corn Belt but remained slow across most of the South due to persistent rain. Above-normal temperatures stimulated germination and growth of winter wheat on the central and northern Great Plains most of the month, although moisture shortages limited development in many areas. Meanwhile, mild temperatures and adequate topsoil moisture aided winter wheat development in the Corn Belt and southern Great Plains. In the West, one strong storm delivered much-needed precipitation along the Pacific Coast, but total precipitation for November remained far below-normal in the interior Pacific Northwest. In the Southwest, above-normal temperatures promoted development of fruit and vegetable crops, winter grains, and forages. In the Florida Panhandle, late-month frost and unseasonable cold weather halted growth of forages, but citrus groves in the Peninsula remained in good condition.

Favorably dry weather supported the corn harvest during most of the month, although nearly all areas of the Corn Belt experienced at least brief delays due to rain or snow at the beginning of the month. Also, parts of the eastern Corn Belt experienced additional rain delays near midmonth. Despite favorably dry weather, harvest progressed behind normal across most of the northwestern Corn Belt and adjacent parts of the Great Plains. Early month harvest progress lagged most in Minnesota, South Dakota, and Wisconsin. Meanwhile, harvest was nearly complete along the southern boundary of the Corn Belt. After midmonth, harvest remained active across the upper Mississippi Valley and adjacent areas of the Great Plains, but was virtually complete across the central and eastern Corn Belt by November 24. Meanwhile, high grain moisture content hampered progress on the central High Plains. Nationally, harvest was 97 percent complete on November 24, compared with the 5-year average of 98 percent.

Soybean harvest approached completion across most of the Corn Belt with few delays during November, although the eastern Corn Belt experienced

occasional, brief rain delays. Early-month progress remained active in the upper Mississippi Valley, but by midmonth, harvest activity in the Corn Belt was mostly concentrated along the lower Ohio River Valley and along the western boundary, adjacent to the central Great Plains. In the lower Mississippi Valley, heavy rain delayed harvest through the first half of the month, and progress ranged from 2 to 4 weeks behind normal on November 10. Harvest accelerated in the Mississippi Delta after midmonth, but progress remained behind normal in most areas, especially in Louisiana. Along the Atlantic Coastal Plain, harvest lagged far behind normal. On November 24, harvest was 97 percent complete, slightly less than the 5-year average of 98 percent.

Winter wheat seeding was complete in most areas at the beginning of November, but rain hindered progress in many areas where sowing remained unfinished. Favorably dry weather supported a rapid acceleration of the planting pace in the interior Mississippi Delta near midmonth and along the Atlantic Coastal Plain after midmonth. However, seeding remained behind normal in both regions. Seeding continued with few delays in California, and was active in Oregon despite unfavorably dry soils. Nationally, 96 percent of the acreage was planted on November 24, slightly less than the 5-year average of 97 percent. Above-normal temperatures stimulated emergence and growth on the central and northern Great Plains and Pacific Northwest most of the month. However, moisture shortages limited the crop's response to the favorable warmth in many areas, especially on the High Plains. In the eastern Corn Belt, below normal temperatures slightly hampered vegetative growth, but topsoil moisture supplies were nearly ideal. After midmonth, light precipitation promoted germination of late-planted fields in the Pacific Northwest, and topsoil moisture was adequate to support germination in the lower Mississippi Valley. Ninety-one percent of the Nation's winter wheat was emerged by November 24, slightly more than the 90-percent average for this date.

**PENNSYLVANIA AGRICULTURAL
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